

*If you are using a printed copy of this procedure, and not the on-screen version, then you **MUST** make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A.*

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

11.4.1.c STAR Flammable Gas Procedure Checklist

Text Page 2

C-A OPM Procedures in which this Attachment is used.		
11.4.1		

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
_____	_____	_____	_____
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Approved: _____
 Collider-Accelerator Department Chairman Date

W. Christie

STAR Flammable Gas Procedure Checklist

Please check, date and initial each item below:

1. A shift schedule must be in place. For the duration of time that the flammable gas is in the detector system, a manned shift must be in place at the STAR site.
☐ Date: _____ Initials: _____
2. The chamber to receive the flammable gas must have been properly purged.
☐ Date: _____ Initials: _____
3. All high voltage to the subsystem receiving flammable gas must be off.
☐ Date: _____ Initials: _____
4. The flammable gas detection system, which resides on level 2 of the South electronics platform, must be operational.
☐ Date: _____ Initials: _____
5. The STAR Global Interlock System (SGIS) must be operational.
☐ Date: _____ Initials: _____
6. The flammable gas operator must get the approval of the relevant detector sub system manager. The relevant detector sub system manager must receive the permission of the STAR Detector Support group leader.
☐ Date: _____ Initials: _____
7. The C-A Operations Coordinator (x4662) must be informed that flammable gas is about to be introduced into the detector.
☐ Date: _____ Initials: _____
8. The C-A MCR Group Leader and Deputy Group Leader must be informed via email that flammable gas is about to be introduced into the detector (ingrassia@bnl.gov and Sampson@bnl.gov).
☐ Date: _____ Initials: _____
9. The CAS watch supervisor must be informed that flammable gas is about to be introduced into the detector. This can be accomplished by asking the C-A Operations Coordinator to inform the CAS watch supervisor.
☐ Date: _____ Initials: _____
10. The “Blue sheet” for the SGIS must be currently certified.
☐ Date: _____ Initials: _____
11. A list of experts for the relevant gas system, with phone numbers, must be posted.
☐ Date: _____ Initials: _____